

LIBRARY

1944

# ANNUAL REPORT

ON THE WORK OF THE

Public Health Department

OF THE

Lymm Urban District Council

BY

JAMES CULLEN, L.R.C.P. & S., D.P.H., &c.

*Medical Officer of Health*



# TO THE CHAIRMAN AND MEMBERS OF THE LYMM URBAN DISTRICT COUNCIL.

Gentlemen,

I beg to submit my Report for 1944 as follows:—

## POPULATION.

The Registrar General's figure is 5,986.

*Birth Rate* per 1,000 of estimated population ... = 19·7

*Still Births*—Legitimate ... .. = 1

Illegitimate ... .. = Nil

There were 8 Illegitimate Births.

*Birth Rate* for England and Wales... .. = 17·6

*Death Rate* per 1,000 of estimated population ... = 11·3

„ „ „ for England and Wales... = 11·6

„ „ of infants under 1 year of age per  
1,000 Live Births ... .. = 25·4

„ „ of infants under 1 year of age per  
1,000 Live Births for England and  
Wales ... .. = 46

*Deaths* from Puerperal Fever... .. = Nil

It is noteworthy that of a total of 68 deaths

1 was over 90 years of age,

12 were between 80 and 90 years of age,

22 were between 70 and 80 years of age.

This gives over 50% of the total number of deaths as having occurred at over 70 years of age.

The diseases responsible for the highest number of deaths were Diseases of the Heart and Circulation 16, Cancer 11 and Intercranial lesions 13.



## INFECTIOUS DISEASES.

Cases notified during the year 34. Scarlet Fever 26, Measles 1, Diphtheria 1, Whooping Cough 3, Pneumonia 1, Dysentery 1, Cerebro Spinal Meningitis 1.

Scabies : 84 cases were treated during the year.

Only one case of Diphtheria was notified and Immunisation showed improvement and the Returns to the Ministry up to the end of the year gave percentages as follows :—

Children 1—5 years of age ... ..	70%
Children over 5 years of age ... ..	90%.

These figures are not yet as satisfactory as they should be considering the appeals on the Cinema, by means of Posters and in the Daily Papers, apart from personal contacts through visits, the valuable co-operation of School Teachers and the excellent encouragement at the Welfare Centre.

## HOSPITAL REPORT.

Cases in hospital at beginning of year ... ..	1
Cases admitted to hospital during the year ... ..	21
Cases discharged from hospital during the year ... ..	21
Cases in hospital at end of year ... ..	1

There has been no epidemic.

## TUBERCULOSIS.

No case was notified during the year but 14 specimens of sputum were examined and all found negative.

## VACCINATION AGAINST SMALLPOX.

Medical certificates of successful vaccination represented 34·4% of Births registered in Lymm which is poor indeed.

## MILK.

Sixteen samples were taken during the year. All milk-producing farms in the District were inspected and improvements suggested and pressed for where necessary, both constructional and in the conduct of the operations involving drainage, white-washing, thorough swilling of shippon floors, &c. Only 1 sample was found to contain Tubercle Bacilli. This, as usual, was notified to the County Health Authority to be dealt with.

## HOUSING.

During the year numerous visits were paid to defective property. The shortage of labour and material was still very acute, but definite improvement was effected in a fair number of cases. It is now becoming increasingly obvious that some years must elapse before the question of necessary demolition can take place in solving the housing problem. There was also a large influx of evacuees in July which added considerably to an already difficult state of affairs.

I wish to tender my best thanks to the Council's officials for their unfailing kindness and help.

I am, Yours faithfully,

JAMES CULLEN, L.R.C.P. & S., D.P.H., &c.,  
*Medical Officer of Health.*

# STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area : 4,241 acres.

Rateable Value at end of 1944, £35,379.

„ „ „ 1943, £35,110.

Product of Penny Rate, £140.

POPULATION.—The Registrar General's Estimate is 5,986.

## VITAL STATISTICS.

Birth Rate per 1,000 estimated resident population	
mid-1944 ... ..	19·7

Still Births :—

Legitimate ... ..	1
Illegitimate... ..	Nil

Death Rate per 1,000 estimated average population ...	11·3
---	------

There were 8 Illegitimate Births.

DEATHS FROM PUERPERAL CAUSES—Nil.

## DEATH RATE OF INFANTS UNDER ONE YEAR OF AGE.

All infants per 1,000 live births ... ..	25·4
Legitimate infants per 1,000 legitimate births ... ..	25·4
Illegitimate infants per 1,000 illegitimate live births ...	0

CAUSES OF DEATH IN LYMM URBAN DISTRICT  
for 1944.

CAUSES OF DEATH. Civilians only.	Males.	Females.
Influenza ... ..	—	—
Tuberculosis of respiratory system ... ..	2	—
Other Tuberculous diseases ... ..	—	—
Cancer, malignant disease ... ..	7	4
Diabetes ... ..	—	1
Nephritis ... ..	2	—
Cerebral hæmorrhage, &c....	7	6
Cerebro Spinal Fever ... ..	1	—
Heart disease ... ..	6	9
Other circulatory diseases ... ..	1	—
Other digestive diseases ... ..	—	2
Bronchitis... ..	2	1
Pneumonia (all forms) ... ..	—	—
Other respiratory diseases ... ..	—	2
Acute encephalitis lethargica ... ..	—	—
Syphilitic Diseases ... ..	—	—
Diarrhœa, &c. (under 2 years) ... ..	—	—
Cirrhosis of liver ... ..	—	—
Appendicitis ... ..	—	—
Premature Birth ... ..	2	—
Congenital Malformation ... ..	—	—
Road traffic accidents ... ..	2	—
Suicide ... ..	—	—
Other deaths from violence ... ..	1	—
All other causes ... ..	4	3
	37	28
Deaths of Infants { Total ... ..	3	—
under 1 year.. { Illegitimate... ..	—	—
Total Births . ... ..	68	50
Legitimate. . ... ..	63	47
Illegitimate... ..	5	3

BIRTH RATES, DEATH RATES AND INFANT MORTALITY RATES  
for the past 10 years in Lymm U.D. :—

	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944
Birth										
Rates	12·9	13·71	13·76	14·5	12·06	13·47	13·02	17·1	15·1	19·7
Death										
Rates	9·8	10·70	15·45	10·40	8·88	11·39	12·37	10·8	10·03	11·3
Inf. Mort.										
Rates	53	36	43	58	25	11	87	19	44·9	25·4



## GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

### 1.—STAFF OF PUBLIC HEALTH DEPARTMENT—

Dr. Jas. Cullen, L.R.C.P. & S., D.P.H., &c.  
M.O.H. (Part time).

D. Mort, A.R.S.I., M.S.I.A., Sanitary Inspector.

### 2.—(a) LABORATORY FACILITIES — Manchester University and Warrington P.H. Department.

(b) AMBULANCE FACILITIES—Supplied by Altrincham Borough.

(c) THE DISTRICT NURSING ASSOCIATION maintains one nurse.

(d) ANTE-NATAL—Maternity and Child Welfare, Tuberculosis, School and Venereal Disease Clinics are under the direct control and administration of the County Council.

(e) HOSPITAL ACCOMMODATION for Infectious Diseases is provided by Warrington Borough Council by arrangement.

### 3.—(a) WATER SUPPLY is from Artesian Wells and is satisfactory in quantity. It is very hard but safe, and this is certified in the Analyst's Report.

(b) SEWAGE—Pending the installation of a modern method of Sewage Disposal the system of Land Filtration is still in operation.

(c) CLOSET ACCOMMODATION—About 98 per cent. of the houses in the District are provided with water closets.

(d) PUBLIC CLEANSING—The collection of domestic waste, trade waste and street sweepings is carried out by direct labour.

SHOPS AND OFFICES.—Regular supervision of shops and offices in the District was maintained but no action taken under the Shops Act, 1934, or the Public Health Act, 1936.

ERADICATION OF BED BUGS.—Two houses were disinfested.

SCHOOLS.—The sanitary conditions and water supply of schools are generally satisfactory.



SANITARY INSPECTION OF THE AREA.  
INSPECTIONS BY SANITARY AND BUILDING INSPECTOR.

NATURE OF INSPECTIONS	Number	Number of Notices Served		Results			REMARKS
		Statut'y	Informal	Notices compl'd with	Out-standing	Legal Pro-ceedings	
GENERAL SANITATION.							
Water Supply... ..	7	3	1	4	—	—	
Drainage of Existing Buildings..	114	—	10	10	—	—	
Stables and Piggeries... ..	—	—	—	—	—	—	
Fried Fish Shops ... ..	10	—	2	2	—	—	
Canal Boats ... ..	—	—	—	—	—	—	
Tents, Vans and Sheds ... ..	—	—	—	—	—	—	
Factories ... ..	—	—	—	—	—	—	
Workshops and Workplaces ...	7	—	1	1	—	—	
Outworkers ... ..	—	—	—	—	—	—	
Public Conveniences ... ..	12	—	—	—	—	—	
Theatres and Places of Enter- tainment ... ..	—	—	—	—	—	—	
Refuse Collection ... ..	145	110	—	110	—	—	
Water Closets ... ..	20	—	17	17	—	—	
Refuse Disposal (Tips, &c.) ...	11	—	—	—	—	—	
Rats and Mice (Destruction) Act	684	—	14	14	—	—	
Smoke Observations ... ..	—	—	—	—	—	—	
Schools ... ..	—	—	—	—	—	—	
Shops ... ..	—	—	—	—	—	—	
Miscellaneous... ..	20	—	10	8	2	—	
Ditches and Watercourses ...	—	—	—	—	—	—	
Infectious Disease Enquiries, Disinfections, &c. ... ..	279	—	—	—	—	—	
HOUSING.							
Number of Houses Inspected under Public Health Acts ...	112	—	49	42	7	—	
Visits paid to above Houses ...	94	—	—	—	—	—	
Number of Houses Inspected under Housing Acts ... ..	30	16	—	10	6	—	
Visits paid to above Houses ...	59	—	—	—	—	—	
OVERCROWDING							
Number of Houses Inspected ...	—	—	—	—	—	—	
Visits paid to above Houses ...	—	—	—	—	—	—	
VERMINOUS PREMISES.							
Number of Houses Inspected ...	2	—	2	2	—	—	
Visits paid to above Houses ...	4	—	—	—	—	—	
Miscellaneous Housing Visits ...	4	—	—	—	—	—	
INSPECTION OF MEAT AND FOOD.							
Total Meat Inspection Visits ...	10	—	—	—	—	—	
Bakehouses ... ..	4	—	—	—	—	—	
Cowsheds, Dairies & Milkshops	30	—	10	8	2	—	
Ice Cream Premises ... ..	—	—	—	—	—	—	
Miscellaneous Food Visits... ..	12	—	—	—	—	—	
Street Vendors & Hawkers Carts	—	—	—	—	—	—	
Visits in connection with							
Sampling—Milk... ..	42	—	—	—	—	—	
Water ... ..	2	—	—	—	—	—	
	1714	129	116	228	17	—	

D. MORT, A.R.S.I., M.I.S.A., *Sanitary Inspector.*

## INSPECTION AND SUPERVISION.

(a) MILK SUPPLY.—All farms and dairies were inspected.

### RETAILERS AND PRODUCERS.

Milk retailers (including producer-retailers) 17

Producers (total) ... .. 31

### *Special Designations.*

“Tuberculin Tested” Producers ... .. 1

“Accredited” Producers ... .. 20

### SAMPLES OF MILK EXAMINED FOR TUBERCULOSIS.

Bulk sampled collected at the farm ... .. 16

Number reported positive ... .. 1

(b) MEAT AND OTHER FOODS.—All slaughter houses, shops, stalls, vehicles and places where food is prepared were from time to time inspected.

All meat coming into the District was sent from Government controlled abattoirs where inspection was previously carried out.

The following foodstuffs were inspected in the shops and voluntarily surrendered as unfit for human consumption :—

Sausage Meat ... .. 12 lbs.

Tinned Meat ... .. 11 lbs.

Fish ... .. 32 lbs.

Total ... 55 lbs.

I am indebted to Mr. Stacey Hallard (Chief Inspector Weights and Measures, Cheshire County Council) for the following particulars of samples taken in the District during 1944. I think the report is very satisfactory. It is as follows:—

Name of Sample.	Number obtained.	Number adulterated or not up to the recognised standard of quality.
Coffee ... ..	1	Nil
Calamine Lotion ... ..	1	Nil
Jam ... ..	1	Nil
Liquorice Powder ... ..	1	Nil
Milk ... ..	9	1
Meat Extract ... ..	1	Nil
Pudding Mixture ... ..	1	Nil
Sugar ... ..	1	Nil
Sulphur Ointment ... ..	1	Nil
Tea ... ..	1	Nil
Vinegar ... ..	1	Nil
	—	—
	19	1
	—	—

All the milk samples were tested for the addition of extraneous water, colouring matter preservative and fat deficiency, but in only one instance was a sample reported against. This was a sample certified as deficient in non-fatty solids to the extent of 1·2 per cent. and the seller was cautioned.

With this one exception all the samples of food and drugs submitted were found to be of the recognised standard of quality.

# AGE GROUPS OF NOTIFIABLE INFECTIOUS DISEASES, 1944.

DISEASE.	CASES NOTIFIED.													Hospital		Total Deaths
	Total Cases at all ages	Years											Total Cases removed to Hospital	Deaths in Hospital of Persons belonging to District		
		Under 1														
			1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65			65 and over	
Scarlet Fever ... ..	26	—	2	—	3	—	12	7	1	1	—	—	—	—	—	—
Diphtheria ... ..	1	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—
Pneumonia... ..	1	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—
Pulmonary Tuberculosis .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Non-Pulmonary Tuberculosis...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute Encephalitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lethargica ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebro-Spinal Meningitis	1	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—
Whooping Cough ... ..	3	2	—	—	—	—	—	1	—	—	—	—	—	—	—	—
Measles ... ..	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—
Acute Anterior Poliomyelitis ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery ... ..	1	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—
TOTALS ..	34	2	2	—	4	—	13	8	2	3	—	—	—	—	—	—



**TUBERCULOSIS.**  
NEW CASES AND MORTALITY DURING 1944.

AGE PERIODS.	NEW CASES.				DEATHS.			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Years 0—1	—	—	—	—	—	—	—	—
1—5	—	—	—	—	—	—	—	—
5—10	—	—	—	—	—	—	—	—
10—15	—	—	—	—	—	—	—	—
15—20	—	—	—	—	—	—	—	—
20—25	—	—	—	—	—	—	—	—
25—35	—	—	—	—	—	—	—	—
35—45	—	—	—	—	2	—	—	—
45—55	—	—	—	—	—	—	—	—
55—65	—	—	—	—	—	—	—	—
65 and upwards	—	—	—	—	—	—	—	—
TOTALS ...	—	—	—	—	2	—	—	—
	0		0		2		0	

**SECTION G.—FACTORIES ACT, 1937.**

Whilst the hitherto usual Home Office Form 572 has been discontinued, the following action was taken during the year, viz. :—

Observations on the sanitary conditions and other matters were made but no action was required.





